

United States Of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number SA09971SC-D

This Certificate issued to

RAM Aircraft, Limited Partnership
7505 Karl May Drive
Waco, TX 76708

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part * of the * Regulations.*

Original Product Type Certificate Number (see attached FAA Approved Model

Make: List (AML for list of approved models

Model: and applicable airworthiness regulations)

Description of Type Design Change:

Installation of Hartzell Model PHC-C3YF-2UF/FC7693DF or PHC-C3YF-2UF/FC7693DFB propellers in accordance with RAM Drawing No. 2549, Initial Release, dated May 16, 2001, or later FAA approved revision. FAA approved RAM Airplane Flight Manual Supplement AFMS 1096, Initial Release, dated May 16, 2002, or later FAA approved revision is required.

Limitations and Conditions: Hartzell Model PHC-C3YF-2UF/FC7693DF or PHC-C3YF-2UF/FC7693DFB propellers are limited to aircraft that are previously FAA approved to install 78-inch diameter propellers and have Teledyne Continental Motors (TCM) model TSIO-520 series engines with maximum rated power from 285 HP to 350 HP. This modification is compatible with aircraft having TCM TSIO-520 engines modified by STC SE09261SC-D, STC SE09104SC-D, or STC SE4327SW-D for rated power increase. Compatibility of this design change with previously approved modifications must be determined by the installer. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration..

Date of application: September 05, 2001

Date reissued: May 12, 2008; September 11, 2008

Date of issuance: May 16, 2002

Date amended:

By direction of the Administrator



ORIGINAL SIGNED BY TERRY BOWDEN

(Signature)

Terry L. Bowden
DAS administrator DAS-700100-SW
RAM Aircraft LP Waco, Texas

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

FAA APPROVED MODEL LIST (AML)

STC No. SA09971SC-D

Date of issuance: May 16, 2002
Reissue Date: September 11, 2008

RAM Aircraft, Limited Partnership
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Item	Aircraft Make	Aircraft Model	Original Type Certificate Number	Regulation/Part
1	Cessna	T310P, T310Q	3A10	CAR 3
2	Cessna	T310R	3A10	CAR 3/FAR 23
3	Cessna	320D, 320E, 320F	3A25	CAR 3
4	Cessna	340, 340A	3A25	CAR 3/FAR 23
5	Cessna	414	A7CE	CAR 3
6	Cessna	402C, 414A	A7CE	CAR 3/FAR 23

FAA Approved:

ORIGINAL SIGNED BY TERRY BOWDEN

Terry L. Bowden
DAS administrator DAS-700100-SW
RAM Aircraft LP Waco, Texas

Date: September 11, 2008